FISH & WILDLIFE CROSSINGS—Crossing Structures #5

ROADS ON PIERS

Photo by Frederick Gottemoeller - Bridge Aesthetics Around The World

Linn Cove Viaduct - Blue Ridge Parkway

Location: North Carolina
Why built: To minimize impact to sensitive natural resources.
Suitable for: Carnivores, ungulates, small mammals, fish, amphibians, and reptiles.

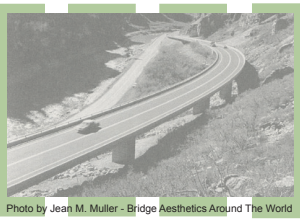

Photo by Jean M. Muller - Bridge Aesthetics Around The World

Interstate 70

Location: Glenwood Canyon, Colorado
Size: 5 precast segmental bridges, totaling 2,970' in length.
Why built: To minimize impact to sensitive natural resources.
Suitable for: Carnivores, ungulates, small mammals, fish, amphibians, and reptiles.

Interstate 75

Location: Florida
Size: 70' long, 7' high with 10' high chain link fencing to funnel wildlife to the underpass.
Why built: To allow the endangered Florida panther and other wildlife, to cross the busy interstate.
Suitable for: Carnivores,ungulates, small mammals, fish, amphibians, and reptiles.

Ecology of Greenways, Smith D.S., and P.C. Hellmund (eds.),

BARRIERS

Fence with apron

Location: Banff, Trans-Canada Highway
Size: 8'-0" ht.
Why built: To funnel animals toward crossings and prevent them from reaching highway.

Perforated Jersey Barrier

Location: Banff, Trans-Canada Highway
Why built: To allow small mammals through passage.
Suitable for: Small mammals, reptiles, and amphibians.

US 93 DESIGN DISCUSSIONS

Project Committee: *Evaro to Polson, Montana*
Montana Department of Transportation
Federal Highway Administration
The Confederated Salish & Kootenai Tribes of the Flathead Nation
Prime Consultant: Skillings-Connolly, Inc. - Consulting Engineers

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JONES JONES
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In order to facilitate the safe movement of wildlife across the landscape, wildlife crossing structures are necessary in many locations along US 93. This graphic looks at how wildlife crossings have been used successfully for other projects in North America. In particular, this sheet depicts roads on piers and on barriers. By examining these different types of crossing structures, we can determine which types of crossings are best suited for US 93.